

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"7197639".pn. and (time)	US-PGPUB; USPAT	OR	ON	2007/11/16 15:30
L2	1	"20050055410"	US-PGPUB; USPAT	OR	ON	2007/11/16 15:32
L3	1	"7197639".pn.	US-PGPUB; USPAT	OR	ON	2007/11/16 15:33
L4	1	("7197639".pn. or "20050055410") and (delet\$3 or remov\$3 or destroy\$3)	US-PGPUB; USPAT	OR	ON	2007/11/16 15:50
L5	1	("7197639".pn. or "20050055410") and (delet\$3 or remov\$3 or destroy\$3 or cancel\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 16:00
L6	2	("7197639".pn. or "20050055410") and (identif\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 16:00
S1	101	"WOBBER, EDWARD PEARCE" "BIRRELL, ANDREW D. " "BURROWS, MICHAEL"	US-PGPUB; USPAT	OR	ON	2007/05/21 10:20
S2	101	"WOBBER, EDWARD PEARCE" "BIRRELL, ANDREW D. " "BURROWS, MICHAEL"	US-PGPUB; USPAT	OR	ON	2007/05/21 10:20
S3	4	S1 and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/21 10:20
S4	928	"msft" or (microsoft adj corporation) and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/21 10:21
S5	180	("msft" or (microsoft adj corporation)) and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/21 10:21
S6	128	@ad<"20040322" and ("msft" or (microsoft adj corporation)) and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/21 10:22
S7	0	@ad<"20040322" and ("msft" or (microsoft adj corporation)) and (puzzle near cryptograph\$3)	US-PGPUB; USPAT	OR	ON	2007/05/21 10:22
S8	1	@ad<="20040322" and ("msft" or (microsoft adj corporation)) and (puzzle near cryptograph\$3)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:30
S9	4627939	@ad<"20040322" (email or (electronic\$2 adj mail))	US-PGPUB; USPAT	OR	ON	2007/05/21 11:31
S10	4605542	@ad<"20040322" ((email or (electronic\$2 adj mail)) with bulk)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:32
S11	4605711	@ad<"20040322" ((email or mail or (electronic\$2 adj mail)) near5 bulk)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:32
S13	4605391	@ad<"20040322" (deter\$6 near bulk near electronic near mail near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:34

## EAST Search History

S14	0	@ad<"20040322" and (deter\$6 near bulk near electronic near mail near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:34
S15	1	@ad<="20040322" and (deter\$6 near bulk near electronic near mail near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:34
S16	13	@ad<="20040322" and (bulk near ((electronic near mail) or email) near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:36
S17	20	@ad<"20050322" and (bulk near ((electronic near mail) or email) near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:36
S18	24	@ad<"20050322" and ((bulk or mass) near ((electronic near mail) or email) near message)	US-PGPUB; USPAT	OR	ON	2007/05/21 11:36
S19	38	@ad<"20050322" and ((bulk or mass) near3 ((electronic near mail) or email) near message)	US-PGPUB; USPAT	OR	ON	2007/05/22 08:37
S20	3	"20030009699"	US-PGPUB; USPAT	OR	ON	2007/05/21 13:31
S21	1	"20030009699 a1"	US-PGPUB; USPAT	OR	ON	2007/05/21 13:32
S22	1	"20030009699 a1" and (sensor)	US-PGPUB; USPAT	OR	ON	2007/05/21 14:08
S23	1	"20030009699 a1" and (print\$3)	US-PGPUB; USPAT	OR	ON	2007/05/21 13:49
S24	1	"20030009699 a1" and (control\$5)	US-PGPUB; USPAT	OR	ON	2007/05/21 14:34
S25	1	"20030065933"	US-PGPUB; USPAT	OR	ON	2007/05/21 15:52
S26	1	"6061449".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 15:52
S27	1	"6061449".pn. and (address)	US-PGPUB; USPAT	OR	ON	2007/05/21 15:56
S28	1	"6061449".pn. and (high near order)	US-PGPUB; USPAT	OR	ON	2007/05/21 16:02
S29	1	"4887296".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 16:30
S30	1	"6061449".pn.	US-PGPUB; USPAT	OR	ON	2007/05/21 16:30
S31	0	"6061449".pn. and (offset)	US-PGPUB; USPAT	OR	ON	2007/05/21 16:30
S32	0	"6061449".pn. and (offset\$5)	US-PGPUB; USPAT	OR	ON	2007/05/21 16:30

## EAST Search History

S33	0	"6061449".pn. and (relative near address)	US-PGPUB; USPAT	OR	ON	2007/05/21 17:06
S34	1	(6061449 4887296 3976978).pn. and (offset)	US-PGPUB; USPAT	OR	ON	2007/05/21 17:07
S35	319	@ad<"20050322" and ((bulk or mass) near3 ((electronic near mail) or email))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:38
S36	1	@ad<"20050322" and ((bulk or mass) near3 ((electronic near mail) or email) same (cryptograph\$3))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:38
S37	1	@ad<"20050322" and ((bulk or mass) near3 ((electronic near mail) or email) same (puzzle))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:42
S38	5879	@ad<"20050322" and ((puzzle))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:42
S39	5347	@ad<"20040322" and ((puzzle))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:43
S40	190	@ad<"20040322" and ((puzzle) same message)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:49
S41	125	@ad<"20040322" and ((puzzle) with message)	US-PGPUB; USPAT	OR	ON	2007/05/22 08:43
S42	144	@ad<"20040322" and ((puzzle) with (message or mail))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:44
S43	195	@ad<"20040322" and ((puzzle) with (message or mail or text))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:45
S44	17	@ad<"20040322" and ((puzzle) with (message or mail or text) same (recipient or receiver))	US-PGPUB; USPAT	OR	ON	2007/05/22 08:45
S45	40	@ad<"20040322" and ((puzzle) with (message or mail or text) same (recipient or receiv\$3))	US-PGPUB; USPAT	OR	ON	2007/05/22 09:34
S46	45	@ad<"20040322" and ((puzzle) with (message or mail or text)) and (unwanted or unsolicited or spam or bulk or mass)	US-PGPUB; USPAT	OR	ON	2007/05/22 09:35
S47	57	@ad<"20050322" and ((puzzle) with (message or mail or text)) and (unwanted or unsolicited or spam or bulk or mass)	US-PGPUB; USPAT	OR	ON	2007/05/22 09:40
S48	15	@ad<"20050322" and ((puzzle) with (message or mail or text)) same (unwanted or unsolicited or spam or bulk or mass)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:21
S49	390	dwork	US-PGPUB; USPAT	OR	ON	2007/05/22 10:21

## EAST Search History

S50	125222	dwork (mail or e-mail)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:21
S51	95	dwork and (mail or e-mail)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:22
S52	89	dwork and (mail or e-mail) and (hash\$3 or comput\$9)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:22
S53	58	dwork and (mail or e-mail) and (hash\$3 or comput\$9) same (send\$3)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:23
S54	21	dwork and (mail or e-mail) same (hash\$3 or comput\$9) same (send\$3)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:23
S55	80420	@ad<"20040322" and ((puzzle or comput\$9) same message)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:50
S56	52177	@ad<"20040322" and ((puzzle or comput\$9) with message)	US-PGPUB; USPAT	OR	ON	2007/05/22 10:50
S57	125	@ad<"20040322" and ((puzzle) with message)	US-PGPUB; USPAT	OR	ON	2007/05/22 11:36
S58	4	"20050055410" or (7197639 5241599 6955605).pn.	US-PGPUB; USPAT	OR	ON	2007/05/22 11:36
S59	4	S58 and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/22 15:11
S60	6	"469,489".ap.	US-PGPUB; USPAT	OR	ON	2007/05/22 11:44
S61	1	"7197639".pn.	US-PGPUB; USPAT	OR	ON	2007/05/22 17:00
S62	1	"7197639".pn. and (database or repositor\$3 or (data near base))	US-PGPUB; USPAT	OR	ON	2007/05/22 15:11
S63	12	(US-20040111484-\$ or US-20040102248-\$ or US-20050055410-\$ or US-20040093371-\$ or US-20040181585-\$ or US-20040181571-\$ or US-20050080858-\$).did. or (US-7197639-\$ or US-5740243-\$ or US-5241599-\$ or US-7072942-\$ or US-6955605-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/22 15:21
S64	10	S63 and (database or repositor\$3 or (data near base))	US-PGPUB; USPAT	OR	ON	2007/05/22 15:21
S65	0	S63 and (database or repositor\$3 or (data near base)) and (puzzle)	US-PGPUB; USPAT	OR	ON	2007/05/22 15:21
S66	0	S63 and (database or repositor\$3 or (data near base)) and (possl)	US-PGPUB; USPAT	OR	ON	2007/05/22 15:22
S67	10	S63 and (database or repositor\$3 or (data near base))	US-PGPUB; USPAT	OR	ON	2007/05/22 15:22

## EAST Search History

S68	2	"7197639".pn. or "6955605".pn.	US-PGPUB; USPAT	OR	ON	2007/05/22 17:00
S69	1	S68 and (range or threshold or maximum or minimum)	US-PGPUB; USPAT	OR	ON	2007/05/22 17:04
S70	1	S68 and (hash\$3)	US-PGPUB; USPAT	OR	ON	2007/05/22 17:07
S71	0	S68 and (peer)	US-PGPUB; USPAT	OR	ON	2007/05/22 17:07
S72	2	S68 and (peer or second)	US-PGPUB; USPAT	OR	ON	2007/05/23 08:49
S73	2	"7197639".pn. or "6955605".pn.	US-PGPUB; USPAT	OR	ON	2007/05/23 10:44
S74	2	S73 and (identi\$9)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:04
S75	2	S73 and (look\$6)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:05
S76	0	S73 and (peer)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:05
S77	2	S73 and (second)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:07
S78	2	S73 and (distribut\$4)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:15
S79	2	S73 and (database)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:17
S80	2	S73 and (network\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:23
S81	2	S73 and (email or mail)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:57
S82	0	S73 and (remov\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 09:57
S83	1	S73 and (remov\$3 or delet\$3 or dispos\$5)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:09
S84	1	"20050210258" and (remov\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:01
S85	2	S73	US-PGPUB; USPAT	OR	ON	2007/05/23 10:09
S86	1	S73 and (delet\$3 or remov\$3 or destro\$3 or dispos\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:10

## EAST Search History

S87	12	(US-20040111484-\$ or US-20040102248-\$ or US-20050055410-\$ or US-20040093371-\$ or US-20040181585-\$ or US-20040181571-\$ or US-20050080858-\$).did. or (US-7197639-\$ or US-5740243-\$ or US-5241599-\$ or US-7072942-\$ or US-6955605-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/23 10:10
S88	7	S87 and (remov\$3 or delet\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:11
S89	6	S87 and (remov\$3 or delet\$3) and (database or db or repositor\$3 or (data near base))	US-PGPUB; USPAT	OR	ON	2007/05/23 10:11
S90	2	"7197639".pn. or "20050055410"	US-PGPUB; USPAT	OR	ON	2007/05/23 10:44
S91	1	S90 and (filter\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:52
S92	2	S90 and (priorit\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 10:53
S93	1	S90 and (modif\$9)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:29
S94	1	S90 and (solution)	US-PGPUB; USPAT	OR	ON	2007/05/23 11:35
S95	2	S90 and (attach\$3)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:18
S96	2	"7197639".pn. or "20050055410"	US-PGPUB; USPAT	OR	ON	2007/05/23 13:18
S97	2	S96 and (string)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:24
S98	1	S96 and (pay\$5 or fee or "expense\$3" or money or dollar)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:34
S99	0	S96 and (cost)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:26
S10 0	1	S96 and (quer\$4)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:44
S10 1	0	S96 and (cancel\$5)	US-PGPUB; USPAT	OR	ON	2007/05/23 13:44
S10 2	5	"140768".ap.	US-PGPUB; USPAT	OR	ON	2007/05/23 15:13
S10 3	1	"20050210258"	US-PGPUB; USPAT	OR	ON	2007/11/13 11:22
S10 4	1	"20050210258"	US-PGPUB; USPAT	OR	ON	2007/11/15 16:13

## EAST Search History

S10 5	1	"20050210258" and (puzzle and solution)	US-PGPUB; USPAT	OR	ON	2007/11/15 16:32
S10 6	1	"20050210258" and (reject\$3)	US-PGPUB; USPAT	OR	ON	2007/11/16 10:07
S10 7	2	"7197639".pn. or "20050055410"	US-PGPUB; USPAT	OR	ON	2007/11/16 15:47
S10 8	1	S107 and (database or repository or table or file) same (search\$3 or look\$5 or verif\$9)	US-PGPUB; USPAT	OR	ON	2007/11/16 10:47
S10 9	2595574	S107 and (database or repository or table or file) or (search\$3 or look\$5 or verif\$9) or (identi\$9 or entity)	US-PGPUB; USPAT	OR	ON	2007/11/16 10:48
S11 0	2	S107 and ((database or repository or table or file) or (search\$3 or look\$5 or verif\$9) or (identi\$9 or entity))	US-PGPUB; USPAT	OR	ON	2007/11/16 11:49
S11 1	0	"20020210258"	US-PGPUB; USPAT	OR	ON	2007/11/16 11:49
S11 2	1	"20050210258" and (reject)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:26
S11 3	1	"7197639".pn.	US-PGPUB; USPAT	OR	ON	2007/11/16 14:34